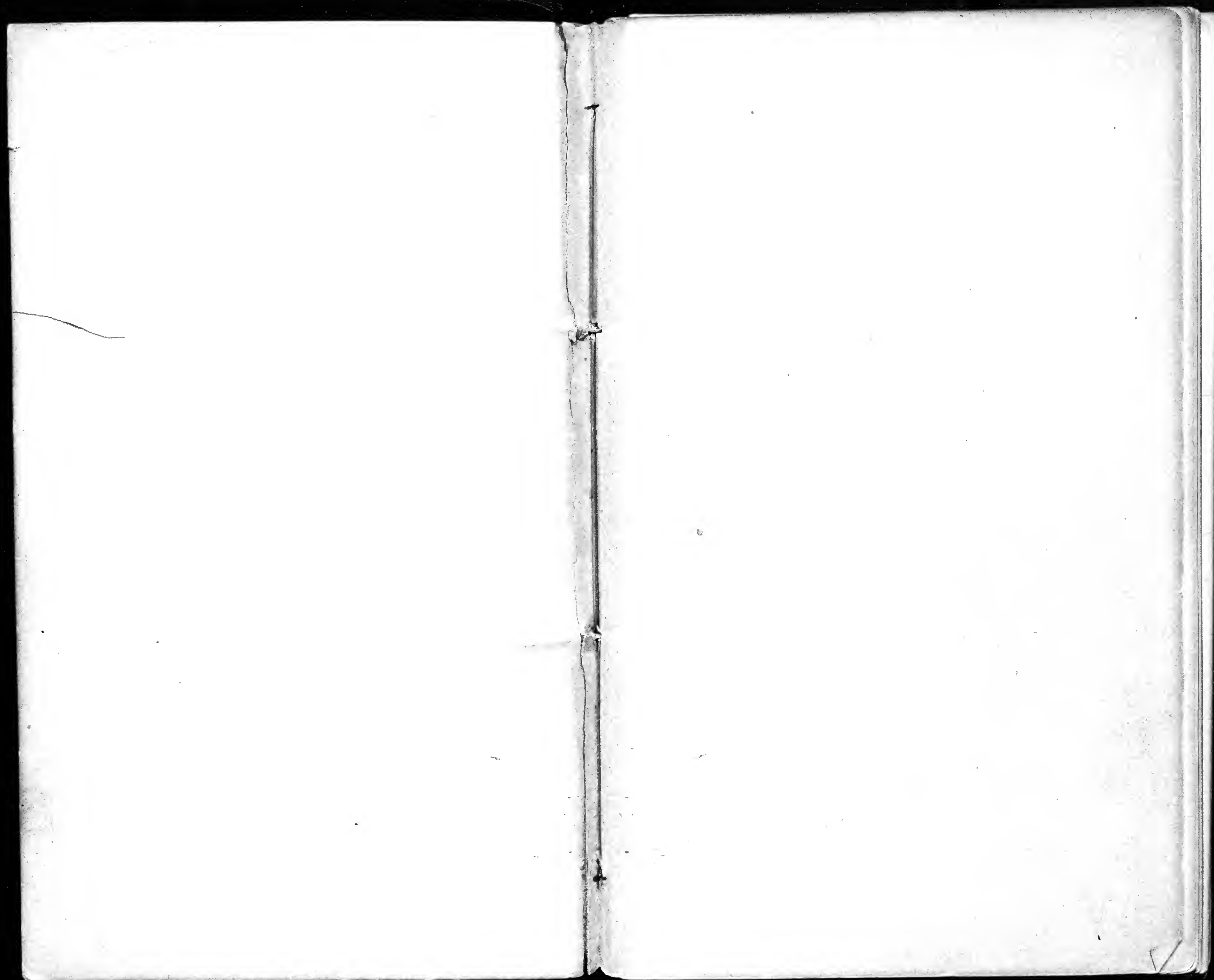
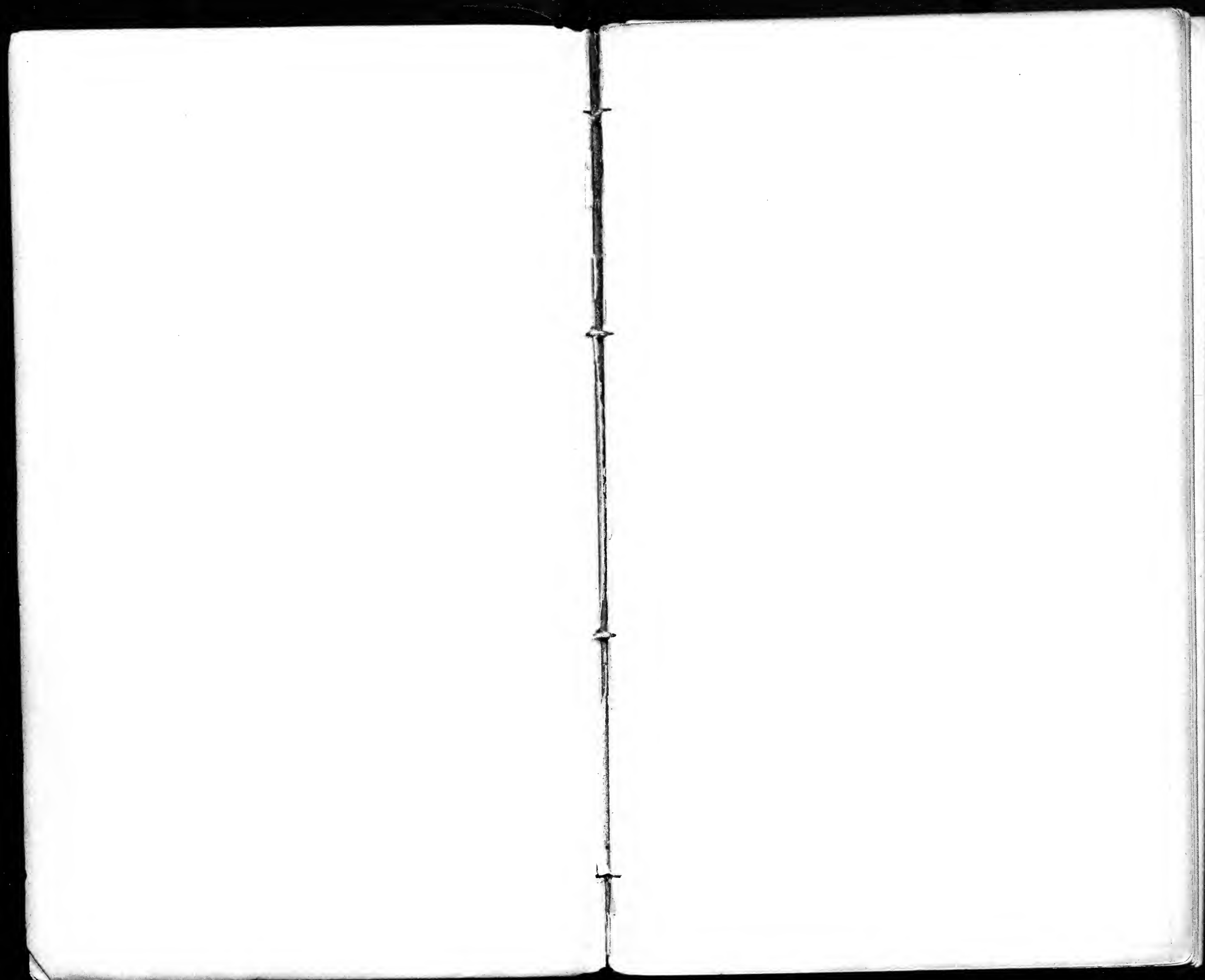


373

H. BALL.





Jan 1, 1843

A.M. 4 o'clock, 3.30 P.M.
Work all day and evening
over papers - See Lane at
dinner.

January 2nd

Work all day over Whaler.
Go down to Mr. Loring's at 10
at papers and call at Rags.
Seammon calls in P.M.

Evening work at home.

January 3rd

Work over indices in P.M.
Seammon comes in P.M.
Evening read a little paper.

January 4th

Work over indices in P.M.
Seammon comes in P.M. call on
Dr. Newcomb, take a letter.

January 5th

Church at 10 o'clock. P.M.
P.M. give a letter to Rags.

January 6th

Go to 10 o'clock. Wait
for Graham but not there. Go
to home. Seammon comes in
in. Evening Election Meeting of
Academy of Sciences.

January 7th

Working at room all day. See
see Mrs. Smith in P.M.

Wednesday Jan 8
morning, to office. Order
carpet for new office. Take
theodolite up to Hillman and
have it forwarded. Go up to
new office and look at room.
Then down to room. See
men come in, call on
on Chasley Low

Thursday Jan 9
Work at home most of day.
Evening call on Mrs. Hall to
Dr. Raymond

Friday Jan 10
Feel very poorly. Mr. Hall
at home. Saturday Jan 11
Little to do today. Evening
with the club. Get some
from the library. Pass
pass

Sunday Jan 12
Church service. Feel better
and done with Hague.

Monday Jan 13
Feel very well. To office with
letters in the afternoon. Get
printer. Look after Calver's. To
Mrs. Seammans. Look in at Art
Sociation Rooms. Call on Mr. Hall

Hall comes in to see me
about noon. See him. Make
and get some ready for the
mountain.

yes.

Lucas & Co. 1000
Group 1000. L. & Co. 1000
Mid. 1000. L. & Co. 1000
Turn over. 1000. L. & Co. 1000
Get maps of 1000. L. & Co. 1000
Work at 1000. L. & Co. 1000
P. M. 1000. L. & Co. 1000
1000. L. & Co. 1000

1000. L. & Co. 1000
1000. L. & Co. 1000
1000. L. & Co. 1000
1000. L. & Co. 1000

1000. L. & Co. 1000
1000. L. & Co. 1000
1000. L. & Co. 1000
1000. L. & Co. 1000

1000. L. & Co. 1000
1000. L. & Co. 1000
1000. L. & Co. 1000
1000. L. & Co. 1000

1000. L. & Co. 1000
1000. L. & Co. 1000
1000. L. & Co. 1000
1000. L. & Co. 1000

Jan 10. 1915
J. T. Chapman. Write mine
letters. Dine at Capt. Boyer's
evening at the Brown House

Monday Jan 10.
Work at night. Pay debt
P.M. Seamen's arrived in
evening Academy meeting
Go home with Thomas

Tuesday Jan 11.
Work at night. Go to office
P.M. Hain. P.M. Callan
Bola. Ver

Wednesday Jan 12.
Go to office. Work night. Dine
at Academy Room. P.M.
dine at Capt. Boyer's. 2nd go
with Miss Boyer. Miss Rembrandt
and Miss Anne Rembrandt
hear a concert of the 9th symphony
quartette which is quite a
success.

Thursday Jan 13.
Letter from Sabie. Run with up
to office. P.M. 1st go
party at Mrs. de Vos

Friday Jan 14.
See Capt. Hain and discuss
matters in relation to the
vessel. Evening call on Mr.
Hague.

See C. L. Hain. Total energy

Monday Jan 23
Morning call on Mr. G. C. G.
letters. Mr. G. C. G. arrived in. At
2 P.M. go to the office and look at
and look at the office. In the
office. See Mr. G. C. G. and
agreement. Evening call on
Silas.

Tuesday Jan 24
Morning call on Mr. G. C. G.
Mr. G. C. G. arrived in. At
2 P.M. go to the office and look at
and look at the office. In the
office. See Mr. G. C. G. and
agreement. Evening call on
Silas.

Wednesday Jan 25
Morning call on Mr. G. C. G.
Mr. G. C. G. arrived in. At
2 P.M. go to the office and look at
and look at the office. In the
office. See Mr. G. C. G. and
agreement. Evening call on
Silas.

Thursday Jan 26
Morning call on Mr. G. C. G.
Mr. G. C. G. arrived in. At
2 P.M. go to the office and look at
and look at the office. In the
office. See Mr. G. C. G. and
agreement. Evening call on
Silas.

Friday Jan 27
Morning call on Mr. G. C. G.
Mr. G. C. G. arrived in. At
2 P.M. go to the office and look at
and look at the office. In the
office. See Mr. G. C. G. and
agreement. Evening call on
Silas.

Thursday Jan 20

Morning cloudy and raining -
Cold and disagreeable
See Ball about ballnet. All day
to signing vouchers and forms
at Barents. Evening dine at
Capt. Hayes, and Mrs. go up to
Mr. Olin and see 3 birds
very pleasant.

Friday Jan 21

Rainy hard, snow on hills early this A.M. go
to look at foor said to have
been found in a stone 125
feet below surface with
Davidson - find at
about 100 feet below surface
Barents.

Saturday Feb 1

Morning cloudy and raining
Pay Hall 12.00 and 12.75
for carpenter and painter
Work over letter to
dolphin crew. See
to be bound. Call on
Seaman.

Sunday Feb 2

Church in A.M. Write to Mr. L
H. Call. See at
Spent the evening. Miss Brainerd
comes in. Macdonald.

Monday Feb 2

Morning in the office. Call on Dr. Newton and see Mr. S. about the matter of the Academy. In the afternoon call on Dr. Newton and see Mr. S. about the matter of the Academy. In the evening call on Dr. Newton and see Mr. S. about the matter of the Academy.

Tuesday Feb 3

Morning in the office. Call on Dr. Newton and see Mr. S. about the matter of the Academy. In the afternoon call on Dr. Newton and see Mr. S. about the matter of the Academy. In the evening call on Dr. Newton and see Mr. S. about the matter of the Academy.

Wednesday Feb 4

Call on Dr. Newton and see Mr. S. about the matter of the Academy. In the afternoon call on Dr. Newton and see Mr. S. about the matter of the Academy. In the evening call on Dr. Newton and see Mr. S. about the matter of the Academy.

Don't know what to do
Center. Work over
tions at 10 o'clock all am
P.M. See at Capt. Meyer's
Call on Mrs. Stetson
and go up with Stetson for
a while. Look at account 11th

Friday Feb. 7

Have a very bad cold, and
therefore decline Miss Man-
n's invitation. Work at 10
part of day. See at Dr. Jan. 11th

Saturday Feb. 8

Go down in car to look
at papers. Then up to
office. See at 10 o'clock
Work over 11th
P.M. Go to Henry's place &
see at 11th

Sunday Feb. 9

Up to 10 o'clock, then to
church. Write letters at 11 o'clock
to C. E. Look at 11th, P.M. at
Capt. Meyer's, and stop in a few
minutes but do not come home
you coming home

Monday Feb. 10

Up to 10 o'clock
look at 11th
acknowledging 11th

Ms. Day, Feb. 17

Tuesday Feb. 18.

Morning working over Shugart
chart. Down to bank and get books

Return looking and make a short
Captain of the Police, comes in,
and I give him a short lecture on
Dean. P.M. After dinner, go out
with Benet and call on Capt.
Hall.

Wednesday Feb 19.

Get a letter in regard to the Japan
Telegraph expedition from the
Superintendent authorizing me
to do what I can to forward
the interests of the Company
with out neglecting the interests
of the Survey and the
me for the winter. At 4
Mr. Reed. While at Capt. Hall
during the day. He has a
work over the map and a
P.M. call on the 'Bo Ross'.

Thursday Feb 20

A.M. Call at office to see Henry
who goes up in the Hutchinson.
Then down to C. Office and go to the
Sch. Hall to examine the charts and
ments, and then to the work
on charts. Evening call on
Mrs. Jas. Otis.

Friday Feb 21

Get bills for room & board
pay them. Finish chart of
Shumagins. Due at Capt. Hall on

The Boannan's in P.M.

office & then down to the
library, get some more books
& back to office - write some
communications.

Monday, May 7, 1893

Write some letters. P.M.
write some letters with
Miss B. & Mr. Smith.
Church in bed.

Tuesday May 8

Morning, down to the office, do
some work. In afternoon with
him. In evening with
him. In morning the work which
is going on very well. Back
to office. Get instructions from
Davidson. In afternoon try
then to go to bed. P.M. attend
to some work.

Wednesday May 9

Morning, down to the office, do
leaves from the office. P.M.
with some in the office. In
work at the office. In afternoon
P.M. call on Mr. P. & Mr. S.
Eddy St. Pa. & return to bed.

Wednesday May 10

Down to office. Get some la-
vender proofs with Charles.

Spent the day in the office
writing letters and
making out the
accounts for the
month. The
work is not very
heavy but it is
necessary to get it
done.

Went to the bank
to see Mr. [unclear]
and to get the
money for the
month.

Down to the
office and
- Go down river & look
at vessel, come to
that is [unclear]
on a [unclear] and
[unclear] and [unclear] [unclear]
[unclear] [unclear] [unclear]

Saturday May 1
Call in to see [unclear]
to P.O. get some [unclear]
up to office. [unclear] [unclear]
Go down to vessel with Hall
Then up to office [unclear] of
the bank, down and [unclear] call

Monday Mar 11
Down to office - go to
to see about tide gauge - Back to
office, later, go to Pabst's
thinners, and then to
drink houses, and back to office -
Call on Mr. Harke

Tuesday Mar 12
Down to P.O. Hall at 10
then to office - work over
then down town and call at
Bacon's, Steele's Car and
& Goading, mark boxes & up to
office, Scammon comes in,
P.M. call on the doctor, Olga's
husband is dead.

Wednesday Mar 12
Down to P.O. See Scammon
office, Lemon comes in,
with Capt. Hall, to take
back again to Goading & see
boxes. sent off six. Pull call on day

Went out to Char. & Son. at Union St. & Co.

Capt. Mayes. I'm going to
1. See [unclear]
will [unclear]

Monday Mar 18
Morning. Day [unclear]
Capt. Hall [unclear]
& go down to the [unclear] which
is [unclear] alone place [unclear]. Back
to Edwards [unclear] out [unclear]
& [unclear] stuff. Then [unclear]
office and [unclear] [unclear]
Boy [unclear] [unclear] [unclear]
[unclear] [unclear] [unclear] [unclear]
[unclear] [unclear] [unclear] [unclear]

Tuesday Mar 19
Morning [unclear] [unclear]
[unclear] [unclear] [unclear] [unclear]
[unclear] [unclear] [unclear] [unclear]
[unclear] [unclear] [unclear] [unclear]
[unclear] [unclear] [unclear] [unclear]
[unclear] [unclear] [unclear] [unclear]
[unclear] [unclear] [unclear] [unclear]
[unclear] [unclear] [unclear] [unclear]
Call on Mr. [unclear]

Wednesday Mar 19
Morning [unclear] [unclear] [unclear]
[unclear] [unclear] [unclear] [unclear]
then back to office. [unclear]
comes in. [unclear] to [unclear] [unclear]
+ O. O. then back to office [unclear]
P.M. Call at Capt. Mayes &
the Brannans

Thursday March 21
Lee Purman, to Henry, to see
about putting up a light
office, and putting up a
Washington. Went at 10
every other day. Evening
Call on Mr. Eckley & see
Miss Jane Brown.

Friday March 22
Down to vessel in which I
measure tanks, ice in
bridge again about photo-
graphy. Go into Rick's shop
at boat. Pick up from ice
get out blocks, see about
yourself & bedding.
Evening, see about a
American, see about a

Saturday March 23
Up to camp, then up to
Hill. See about a
bill by the name of Dr. [unclear]
at Women's [unclear]
Capt. Hall, came in & Mr. [unclear]
go down to [unclear] & [unclear]
for [unclear] [unclear] [unclear]
Gave workers at [unclear] [unclear]
& sent at Dr. Blake's. [unclear]
to office and [unclear] [unclear]
get them from [unclear] [unclear]
& other [unclear] sacks. Then back to

ask

Office again and evening
dinner and then to
Academy & then
Lake. Time & call on Elmer
in P.M.

Sunday March 24
Church in A.M. Write letters
at office, down to town
+ spent evening with Smith at
Capt. Myers. Drop in at the Town-
man's during the evening.

Monday Mar 25
Go down to vessel in A.M.
About town attending to various
bills in day. Pack up the last
of the boxes at the Academy
+ get off barrel to Prof. Tracy.
P.M. stop in at Mygbridges
and call on Mrs. O'Rourke and
Capt. Smith.

Tuesday Mar 25
See Hall, get bill of lading for
barrel, go down to North Beach
+ call on Henry Edwards with
Stearns, See Fildes, get proof
from Carmichael. Stop at Town
up town stop at A.C. Co. see
May + Gerstle, sacks + up
to office write in vouchers &c.
Evening, see Watkins alt. camera +
Call on Mrs. Hapgood (only) P.M. Hague

Wednesday May 26
Morning (left at 10:00) came to
P.O. got Salter's bill. Saw office
+ made arrangements. Went
to dinner. Then to office. Saw
Lunt. Then to Bill. See Lunt
and get money for interest.
Bailey. Got a check for \$100.00
paid by Salter. Signed money
up for the same. Then to
dinner. Then to Bill. Got
money for the same.

Thursday May 27
Up to office, without letter.
Took out. Read letter. Then
to dinner. Then to Bill. Got
money for the same. Then to
Bill. Got money for the same.
Cutter

Friday May 28
Morning up to Company. Then
to office. Then to vessel.
Which is the same. Then to
bank. Then to office. Then to
CS. office. Then to office. Then
see about books. Then to
look after camera. Then to
find what I want. Then to
dine at Capt. Hayes and see
the evening. Then to see
the Brannan's party. They invited

Saturday Mar 28

Morning
See Watkins
Plato. Rec
over to the bank with dead
and some other things
H. & K. Keller. Place the same
house in front.

Sunday Mar 29

Church
Second time with Capt.
Pope & call on Mr. Scannan with
Miss Lane, in afternoon.

Monday Mar 30

Down to office. In afternoon
L. & H. Hall. Call
Call at home. In afternoon
man. In afternoon. In afternoon
Come in. In afternoon. In afternoon
phys. In afternoon. In afternoon
Work. In afternoon. In afternoon
In afternoon. In afternoon. In afternoon
Back to office. In afternoon
P.M. Call on Watkins. In afternoon
at Bradley's. Evening. In afternoon
The Hapgood.

Tuesday April 1

See Bend at breakfast up to
office. Davis formerly. In afternoon
calls. Work over with Pitt.

to town to see
2nd. I will see after
in time of emergency, etc.
Chy. Long & Co. ~~Collection~~
while and then return to
on the morning of April 3.

Thursday April 3

office to see
in the morning
for the day
issue orders to go down to the
painters with tools, up to get
in the line of the
P.M. write to the
and see
Smith and

Friday April 4

about 11 P.M. a Bul-
letin reporter comes in for in-
formation in regard to the
vessel. Go down aboard
and see Mr. Bailey to
look over list of stuff to
transfer to the Yukon.
Take Wagoner down to
Nielsen. Go in to see
Noyes who is unwell and has
not been at the office

direct Mr. Hall

In A.M. go down to Ringling &
get his repair order filled. Then
draw up bill and go with Hall
and conclude the purchase
of the vessel, pay for it
and getting the papers
signed and the bill of sale
recorded after which go up
to the office to see Mr. Hall
and then down town getting
a small lunch & out at
7 P.M. to dine at Mr. Hall's
Capt. H. decides that he can
not go for less than \$150.00
a month coin which is
beyond my resources so
I shall have to look out
for a new sailing master.

Up to 2:30 and walk to
Hilgard. Saw many birds
many and going to the
fall. The water is
is better and the flowers
are beginning to
come out.

Then walk to the
park. The water is
over the dam. The
bank is very high.
Call on the
Wright. The
We're about 1000 feet
high. The water is
the same as the
look at the
the beautiful
a. Hall, office. The
C. S. office. The
S. J. arrives. Pull
Hague & find him out. Spend
the evening at Capt. Smith's

Sunday April 5
Morning to evening. Church
dine & evening at Capt. Smith's

Monday, Jan 1, 1918.
See Sam and wife
get proof - see
Hansfield and wife
over fence. If go to
Hansfield and wife
to get inventory -
see Sam and wife
and go to
Academy and see
after getting

Monday, Jan 1, 1918.
Many calls from
Hansfield, order material
to the office. Eugene Hansen
dear to the family.
Made out vouchers for sundries
to get from the office. The
go down to see and then
see instructions, see Bush about
the paper, get material for
up to the office. Then
about. Billy see
furniture man and then up
to office. See
and P.D. call on the
see Mr. [unclear]

for sleep
down to see
the man
the man
the man

Morning call at post
see Harriet and P.O. then see
Coler man about furniture & Regan
in the street. Up to office
down to street
Go about 1/2 mile up the street

good job of post in the morning
Come up to town. see the man
pay the man
Carriage P.O. & the man

Don't see the man
letters. see the man
Spent the evening with
the Braumans

Monday Jan 14

Morning down to office
Work over accounts &c
See Henderson & go over mem
oranda. at 12.30 go down

To the Baker and about
Upholsterer. Then 10:30
to the P. R. R. and back
but could find him on
the train. Return, I find
him at 10:30.

Friday, April 15 -
Start early in the morning
go to Saco. 10:30 on the 6:30
boat with the Rev. Mr.
man & Mr. Miller. Re-
turn about 10:30. See
Baker, go to his office
and see him. Then go
to the office of the
P. R. R. and see the
agent.

Call at Cambridge, Mass.
and up to 10:30. Then
back to the boat and
spend the afternoon
with the Rev. Mr. Miller.
Evening call on
Capt. Noyes.

Thursday 17
See Edwards & Ray. Drive
to office working on account.
At noon down to Rockport.

Church, white letters, P. M. Va Gpt.
Noyes to dine, with Baber. Have
a very bad cold -

To binders, my bridges, Rays

Work all day over copying notes
& meteorology. Pull out the
the Eustace & George and
spend the morning.

Sun. Day May 25 —

Morning fog half clear. Go
ashore at 7 A.M. with Baker
and the vertical circle and take some
observations for time by reciprocal ze-
nith distances. Work till 10 A.M. then
come aboard. After dinner go ashore
and see Rufe about getting two men
for the bidarkas to go to Rukkhva
Bay. Then aboard to ~~supper~~ —
go out again with the verti-
cal circle and get a few more
observations before it clouds up.
Aboard to supper and then
go aboard the Eustace and
the Eustace and then ashore
stopping a little while with
Smith in the way back.

Monday May 26 —

Morning cloudy nearly getting
or light southerly air. The Al-
arber starts on another trip to
St. Paul & George towing the Eus-
tace out. Capt Giles and the
sloop Jakes Hove sail for Ches-
noffsky with new man who is

Murphy, Harry, Fred, etc.
brooks, etc. etc. etc.
draw on money
on Harbors, etc.
Up to all, etc.
etc., and get all
money.

~~Tuesday 21st~~

vessel, etc.
etc. and money
etc. etc. etc.
Work on vouchers until
6 P.M. dine & go to
my meeting & up to 10 P.M.

Tuesday 22nd

Pay Mants bill up to office
Work all day, evening, etc.
C. etc. etc.
Pay bills, see Harbors
P.M. Evening, call on Hall

Wednesday 23rd

Work all am. etc. etc.
See Asst. Treasury & straight
en out etc. - Work at office all
day & evening. Pack up at
night.

Thursday 24th

Driven home, etc. etc.
day. Get most of children down
to vessel in P.M. Evening
write at office.

Tuesday 29.
 Pitching into a violent sea.
 Feel unwell, and am
 on my feet only for a few
 days. The day is spent
 most of the day in bed.
 A fair wind fresh.

Wind light, with fair weather.
 Clear. Bar. falling. Air 60. Ther.
 Rain 5.00. Ther. 60. Water 59.
 Ev. gr. 24. Barom. 30.420

Get 1/2 lbs. of ...
... 1 lb. ...
... 20, 50, 80, 100 ...
... water 39 ...

Work over payroll. Calm. Sea
Santitas. 12 over the ridge. Weather
calm, wind West. Air 66. Water 62. Sp. 9. 177

Gr Wind N by W. - Cloudy. Ther 61. 68. 74

Wednesday May 8th
Inland, Wind S.W. 27. Water 25.
23. Water 29. 8. 25.

Thursday May 9th
Blows wind S.W. strong, but
no rain. 23. 25. 27. 29. 31.
2000. 2000. 2000. 2000. 2000.
2000. 2000. 2000. 2000. 2000.
The ship is in the harbor. It is now
working. It is now into

Thursday May 9th
Blows wind S.W. strong, about
noon a blowy rain. Water 25.
The ship is in the harbor. It is now
working. It is now into

Friday May 9th
Blows half a gale all day. We
make some headway under double
reefed mainsail, single reefed foresail
and jib without the boom. Most
vessels would be lying to in this
weather, but the Yukon handles
herself beautifully. Light a fire today.

Saturday May 10th
Blows very stiff between 4 A.M. &
8 A.M. Spring the flying jib boom.
Later in day moderates slightly.

Sunday May 11, 1893

Blowing a stiff gale, 4 P.M. water
25.5. Cold till 11 P.M. at
Night wind shifting to the
westward and blowing the ice

Monday May 12

Keel in early morning. Blow-
ing a stiff gale with hard
cross seas. Moderates a
little in P.M. 4 P.M. sp. gr.
water 25.5 at night quite
moderate. The gale left us
yesterday, Killis makes sea
today and puffins & ducks
have been puffins at in-
tervals during the day after
the striking the ice at 12 noon
water up to present time.
Keel in water today.

Tuesday May 13

Morning moderate W wind & a
little rain. Many birds about.
P.M. very light wind half cloudy sp gr.
-27.

Wednesday May 14

Wind light SE and East only
Rainy. Bar falls to 29.30
P.M. sp. gr. -27. Many birds about.

Thursday May 15

Cloudy Wind very light. P.M. nearly calm
Take in sail sp. gr. 26.5. W. 10. 1/2 Vly

See Jan 1, and plan of section in ...
 a ... about 3 ...
 2d. ...
 amount of ...
 middle peak bearing ...
 The southern one ...
 ... 7 ...
 ... at ...

Len 162.08 ... 54.23' ...
 45' ...
 ...

9 A.M. Calm clear ...
 in boat ...
 Sanak to middle peak bearing ...
 second in 38 fms ...
 catch many cod & halibut ...
 at all sp. 26 ...
 S end Sanak ...
 N end ...

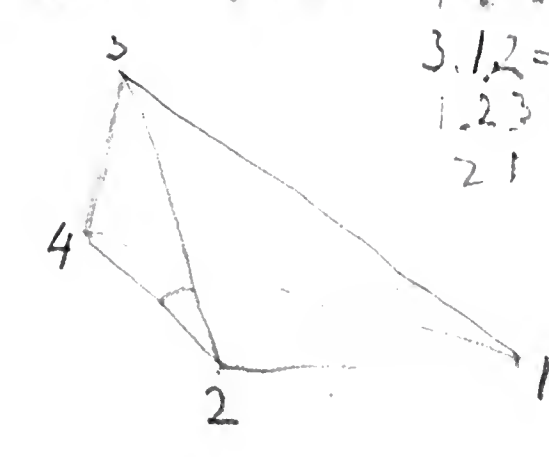
Sunday May 18
 A dead calm most of the day - Clear & beautiful weather
 See Shishaldin & Isanotsk ...
 in P.M. a breeze sprang up ...
 and takes along for several hours - Water 255-



next and W 3/4 N ...
 ...
 Outlying rocks ...

Why S 1/2 S ...
 W ...
 W 1/2 N ...
 Why N 1/2 N Peak 0.41.30 ...
 W NW = ...
 NW ...
 NW 1/2 ...
 ...

dist ...
 more rocks W ...
 1.2.2 = 40' 16" 15"
 3.1.2 = 57' 42" 36"
 1.2.3 = 160' 01" 15"
 2.1 = 1656 m. dist



Monday May 2
Get into Unalak Pass early
in the morning which is
cloudy with a smart NNW
breeze. Straggled painfully
along a guide to the opposing
hills. Saw several caribou
about nightfall at Camp
Bay. Look into the Bay
Smith spoke of but saw
nothing except a whale

Come in about 8 AM into
Captains Bay - Pass to the NW
of the Rocks and anchor in
Shink Harbour at 10.30.

Giles comes aboard on the way and we find that the Alexander is here having made two ineffectual attempts to reach the Seal Islands and found the ice 18 and 40 miles south of St. George, very thick and solid. The season is very late. There is much more snow on the ground than has been seen for a number of years at this season, and the spring has been very cold. Smith has not yet arrived with the Gustave - The Antioch

22

55

Z

U

三

20

100

has been gone over the
weekes. The Hottel is
gone to Umanak but will
return in a few days -
The Baker's family is here -
Capt. Newbig, Mr. Morton, Mr.
Mr. Taylor, Mr. Taylor, Mr.
Capt. Taylor, Mr. Taylor, Mr.
Greenebaum, Mr. Taylor, Mr.
ster come aboard. Dr. Mac-
Intyre, Mrs. Webster, Mrs. Er-
kine & Mrs. Fish are here -
After dinner, go ashore &
call on the priest, Capt. New-
big, and attend a school
match of the natives. There
are 42 Adokha natives here
whom the A.S.C. are going
to carry to Umanak to hunt sea
otter. Afterwards give Shan-
feldt his letters, see Newman
who is living in Adokha house
while Adokha is gone to Umanak.
Come off to supper and spend
the evening aboard.

Wednesday May 21 —
Cloudy very strong NW wind
with a little snow — The Eustace
comes in early in the A.M.
with Hall Govt. Inspector & Indian
Agent, a Russian from Annona



74 Mr. Neumann on board

for St. Michael's, Linné's Bay
& Mrs. Bath. We have better
him by five days to sail
40 aboard the ship & then
ashore. Line with buoy
The Francis Palmer, which
cleared on the 20th of April at
rises in the afternoon about
o'clock. Fredrickson is passen-
ger and perhaps Ennis.

Come aboard to supper. Look
over the vertical circle and
get the distance for telescope
for the small theodolite. Between
the upper & lower wires at a
distance of two metres, with
.2266 correction four inches
are subdivided, 2 in between
each pair of wires. = 2 in
to a metre between both
wires and one in per metre
between the upper or lower
wires. The theodolite is seven feet
long which will allow of 84 metres
being measured with it.

Thursday May 22

Mon. Ther. 21. Day cloudy with
strong NW by W wind & snow
squalls. Overhaul instruments.
and collection acc. Morning
work over notes & currents

Capt. Smith on board the
P. M. covered up with a
S. blanket and a blanket
at 10 o'clock. The
comes in from the
Peterson & Peterson
by the same boat. The
boat is a -

Friday May 23

Morning cloudy with snow-
squalls. ^{windy with sea} Therm. 32.5 The
sun comes out occasionally.
Go ashore & see the priest
about his bidarka. Get
Meteorology from him.
Come aboard & work on
it. P. M. Go aboard the
Eustace - then ashore
with Mrs. Webster with
& Eskine. Get a bath
then off aboard Eustace
with Capt. Smith. Then
spent the evening in the
Alexandria. Stopping at
the Eustace. Back

Saturday May 24

Morning thick, rainy & cloudy
Wind light SW. Dutcher
on getting ready to go ashore.
Priest comes aboard & bids us
farewell, as he is going to Togo.

to take the station. Capt
Herenden goes off in the piers
bidarka to hunt for a place
to make a new gibboom
in Kalaikta Bay. Go ashore
to adjust instruments and
test telemeter. make a measure-
ment with the theodolite with
in 2 minutes. Abandon dinner
P.M. go out a short distance
for magnetic & astronomical
observations. A light fog
but we are not stopped by clouds.
Back by 8 P.M. with a lot of
codfish which we have
obtained after repairing a sig-
nal at North Head.

Tuesday May 27

Morning cloudy with occasional
bits of clear sky. Moderate

NW wind, which afterwards
shifts to N and freshens with
snow. Go up to the spot to
complete observations for mag-
netic azimuth of the base line
finish & return at noon.

P.M. snow squalls & high wind.
Herring promises us a ship
to replace the gibboom but
backs out and we get a loan
from the Francis Palmer.

Morning, blowing fresh with a
westerly wind and a good deal
of sleet rain & snow. Work
at copying and other clerical
work. Copy Kuchukov's
chart for the Captain
Francis Palmer. Min three.

32°.

Thursday May 29

Morning stormy hard. N.W. wind
rain & squalls. Work over views.
Go ashore & leave word for
the washwomen. P.M. establish an
observing station on the small spit
near the ash. coal pile. Men at
work on the new fibroom. Min
three 32.5 P.M. wind shifts N.E. & clears
at 11 P.M. ^{interior 32.0} Friday May 30

Observing in the start until three P.M.
Return to work. at 6 P.M. take & prepare
for altitudes of sun for time with
sextant. get a series of observations. Day
clear, warm & fine. Min three 35
wind fresh & cold. P.M. finish
altitudes until clouds cover
the sky. Take water for the crew
and get an arrowhead of time.

Saturday May 31

Morning cloudy, light N.W.
wind. all hands at work

Sitting now Johnson. P.M. 11.00
The large boat with Mr. Bailey
and set a signal in the
S. end of the island, to be called
Island Signal. P.M. at 2 P.M.
Went up a hill & found for
the night P.M. calm, foggy &
Sunday June 1st, 1891

Morning very clear & fine wind
light on E with some fog rolling
in - Go ashore & get a series
of observations for astronomical
abundance between the astro-
nomical station and the church.
P.M. clear & warm & raining

Monday June 2nd

Start at 10 A.M. with Mr. Bailey
Noyes & three men for the
Island or Eider village site
with the large boat where we
propose to erect a signal
to form part of the Bay Line
arrive about 1 P.M. - Day very
fine & clear & warm - Go up on
the bluff & erect the signal
then return to the boat & set
pitch our tent and turn in
about 10 P.M.

2

afternoon & evening

Eider

~~100~~

1000 ft. high

1000 ft. high

1000 ft. high

1000 ft. high

1000 ft. high

1000 ft. high

1000 ft. high

1000 ft. high

1000 ft. high

1000 ft. high

1000 ft. high

1000 ft. high

= 71.

1000 ft. high

1000 ft. high

1000 ft. high

1000 ft. high

1000 ft. high

1000 ft. high

1000 ft. high

1000 ft. high

1000 ft. high

1000 ft. high

1000 ft. high

July

31st

30th

31st

July 31st

After a breakfast go out
in the anchorage and take
some soundings and dredge
a little to determine the character
of the bottom. Back to
camp about noon take
a cup of tea & start for

Shrink anchor. Have
a dead calm. Light the
way and a light breeze
from the S. S. wind is by
the Harbor where we arrive
about 2 P.M. - Day fine &
clear wind light in the
P.M. strong & N.E.
Steamer Alexander comes
in at night.

Wednesday June 4/87
Morning calm overcast
with a little rain. Later
light E. northerly wind - 2 P.M.
at work filling water & in P.M.
relieving the stores as above.
Get the letters from Elliott.

Thursday June 5
Rainy & S.E. weather all day
at work on blacksmiths.

Friday June 6
Rainy & S.E. wind light
Write letters - P.M. read
the Alexander & spend the evening.

Saturday June 7
Rainy. Blowing hard from the S.
The Hutchinson arrives from the
& Belkoffski write letters all day
Evening calm birds.

Sunday June 8 - 72
Write letters all day
SE rain. Mr. & Mrs. Erickson and Dr. Mearns
Mr. Magnus come aboard for a call

SE wind. A little rain. Taking a little to leave the shore.

Tuesday June 10
Wind shifts to W. and cloudy in early AM but soon clears. Go ashore to take a series of photos from Ashcroft. All of us to our meet church & the mayor will be with the service. Later in day get ready boat to go to Ashcroft and meet it with a lot of things. A series of photos taken and returned. One man sick. Go ashore in PM & call on ~~Dr. Mearns~~ the priest. The company has had 500 bull scalping. A lot of seal skin & walrus pay parties. Alexander looks in now for Pinchloft and the Hutchinson in a few days for some shergak with Garrison priest

June 11 - 72
N 30 E

Wed. Jan 30. 1880
 Go out of the little harbor early in
 the A.M. Day dawn, and sailing
 up about 10 miles get out as
 far as the outer and make use
 (the boat) the spit and anchor
 in 12 fms catching a few many
 cod & halibut and seeing a
 great many humpback whales
 some humpback & finbacks. About
 6 P.M. a SE breeze springs up
 and we sail for Otter. Weather
 cloudy, wind moderate SE.

Thursday June 12
 Morning weather thick & cold
 wind SE, moderate

Friday June 13
 Weather thick & foggy part of
 the day. Wind easterly moder-
 ate.

Saturday June 14
 Weather cloudy & foggy all day
 Wind light in A.M. freshening

Sunday June 15
 Cloudy wind fresh, hauls made
 to the N & W.

Monday June 16
 Cloudy and clear by turns, wind
 Easterly very light - about 10 A.M.
 see Boulders Island & sailing S. -
 about noon Take a sounding with

Temperature 48° F
 Barometer 30.00

| Lat | Long | 40° |
|-------|------|-------|
| 55 | | 18 |
| 56 | | 38 |
| 57 | | 11 54 |
| 58 | | 3 25 |
| 59 | | 4 21 |
| 60 | | 6 05 |
| 61 | | 7 37 |
| 100 | | 10 03 |
| 100 | | 12 29 |
| 200 ? | 100 | 16 51 |
| 100 | | 19 02 |

SEAS
 22' 26" alt
 by S. S.

deep sea line, pre-humid lead &
shellvagen gaff. Get no bottom
in 1000 fathoms. Line takes 1,400
to cork in on the winch.

Proceeds up a little toward
night & drifts up - wind shifts
ahead - Get a good series of
observations for position of our
soundings which is undoubtedly
the deepest ever taken in Bering
Sea.

Wednesday June 17 -

Blows a stiff breeze from NW
with a good deal of fog &
clouds, beating to wall west
all day in a westerly sea - about
half past two stand in to make
Ingustun's rocks are laid down
on the chart but see nothing
of them. They were perhaps
seen in the fog. Sp. of 2.15

Wednesday June 18

Morning wind, for a while, fair but
thick, weather damp, foggy & cloudy
about noon stand into Chichagoff
Harbor, Attu Island. Come to an
anchor in the middle of the bay
about 1.30 Mr. Frost, whilom mate
of the Golden Gate, 1866, comes off
in a bidarka. He is agent of J.C.C.
here, but goes to Belknap's this fall

to be replaced by the water.
The harbor is a good one but some-
what open to the N.E. through the
narrow entrance. Frost says,
that in the winter storms it is
full of breakers at times. The water
is not very deep - 5 or 6 fms is the
most. The village is neatly kept
but the houses are smaller & less
comfortable than at Alaska.
There is no drift wood here, a
little is picked up by circum-
stances.

200 sea otter skins sent to
Agathon 156 blue foxes were
obtained here last year. There
are 203 inhabitants 68-70
hunters. The houses are not
very healthy. The main road is
Stang Bay - or Massadoc Bay.
There are no other villages on the
south side of this island but
several bays. Golch Bay is
so marked on a map, and is
anchorage or port of call. It is
too deep. Massadoc Bay has
protection but deep water is
close in shore - many islands
in it. Go ashore & see the
village, get some spruce berries
on beach - come off & bring back

11. 10. 1904

to supper. P.M. all hands over
myself & Bailey for a while
while -

Wind fresh but cloudy all day.
P.M. pull, etc. Go ashore in
it and pick up a lot of plants
etc. P.M. get a bath and go round
with Guss. He showed me some
houses which are old. P.M.
P.M. all. Just as at 7 P.M. I
gave him some medicine to

Friday - June 20 -

Morning calm, clear. Go ashore
& get observations for time, longitude
& azimuth & off to dinner. P.M.
go out to outer islands and get some
birds & sponges and a very few eggs.
Return about 4 P.M. Cook & I go
off to supper. Then bed till midnight.

Saturday June 21

Spend most of the day dredging. Weather
thick, wind light northerly. Get for
Get *Meretrolia frontalis* of the dredge.

Sunday June 22

Work all day over collections, and
ins. cataloguing & skinning etc.
P.M. go ashore to Fresh Home. Then
go to the Lyones & back
coming back about midnight
after having a thorough good time

Mon. Day June 22

Morning to the beach. Got to
Saragá Bay. Lots of small
rocks scattered with shells. A lot
of shells, but no Arach.
Merganser found on it. Beach low
& all the shells mostly on the sand
against the tide. No shells on the
ground. Got some obs.
in afternoon. Weather
chick. In afternoon a little sun. Wind
variable light. Got vessel ready
for sea in case of emergency.
P.M. Go ashore to the houses
& have some native food. Have
a good time generally.

Tuesday June 24

Work all day on board getting ready
for sea as soon as the wind serves.
copying, computing & packing spec-
imens. Weather thick fresh N.W. wind.

Wednesday June 25

Morning filling water. Weather
~~thick~~ early half cloudy, later com-
pletely overcast. Try some new
azimuth observations which are
interrupted by clouds. P.M. Go
ashore to the old village & dig in
the vicinity of the houses for shells
but do not succeed in finding
many. P.M. Frost off to supper.

The ship will be ready
for sea tomorrow
morning.

June 26 —
 Morning... light... observations...
 The sun coming out for a time...
 sets... Evening... to supper...
 the latter part of the day.

June 27 —
 Morning... and stand out...
 just before noon... have a back blast and are obliged
 to put our anchor up. About
 noon wind... with a light breeze...
 stand out to sea on our way to
 Kyska. Have to reef the
 sail, so stand in the breeze at first
 but it moderates by the time we
 get off shore. A little further
 P.M. we have now over 10 miles.

June 28 —
 Day thick... P.M. take a long...
 groups with...
 which might be five miles off.

| | | |
|-----|------|------|
| 150 | 5.48 | 1.02 |
| 100 | 5.50 | 1.27 |
| 100 | 6.00 | 1.41 |
| 100 | 6.10 | 2.09 |
| 100 | 6.20 | 2.03 |
| 100 | 6.22 | 2.10 |
| 100 | 6.30 | 3.15 |
| 100 | 6.40 | 2.47 |
| 100 | 6.50 | 7 |

... 20° ...
 ... 54.5 ...
 ... E ...
 ... 52° 20

but can find no other
it as it has been found there
there is a small lake
Lake in the valley

Monday June 19
Morning foggy & heavy rain. 25
fresh heat in the valley
4 or 5 hours of rain. 10 A.M. 11 A.M.
cloudy 30 or 40 degrees. Examined for
locating signals. A fine lake
with long narrow islands & bays
and valleys about the mountain
range. A descent of about 2000
feet during the morning. 1000 ft. in
native house. Found good food
as the house & return
see a wren & a bird. 11 A.M.
get an egg in that house.

Monday June 20

June 20
Foggy. At 10 A.M. rain
while the sun being out. 1000 ft. above the
lake. 11 A.M. into morning. 11 A.M. 12 A.M.
day in setting up camp.

Tuesday June 21

Dense fog all day. Wind light
& variable with heavy swell
from outside. Put collection
in order & skin birds, write
up reports for month of June.

Wednesday July 3rd
Dense fog all day. Spent time in
dredging. P.M. sent boat off to
erect signals on Little Kyska &
South Head by Kyska. Evening
play with the children.

Thursday July 4th
Dense wet fog. Fresh wind with a
pretty heavy swell. Morning spent
things in order. P.M. went with
the boat & Mr. Brown to round out
shore line & measure distance
of the harbor. Back by 10 o'clock.

Friday July 5th
Spent morning in pulling a net
to rights. Dense wet fog &
rain. P.M. go over to the
other sea head. Dredged the
North Head and got a good
many plants, & some shells.
Evening fog rain & blowing
raining & blowing.

Saturday July 6th
Foggy & rainy in A.M. cleared away
in P.M. Work at copying notes all day.
Boat goes after codfish but gets no fish.

Sunday July 6th
Work in A.M. over collections. P.M.
go ashore and cross the divide to the
other side of the island finding a good
many nests. Day foggy wet & strong W. wind.

Monday July 7th
Dense fog from at 10:00 a.m. and
fresh from eastward. Minor
overhaul July 8th 5.00. Total
dredging from a new species of
new red stone.

Tuesday July 8th
Day windy, wind generally from west
& N.W. Cloudy with rain with fog
& rain squalls go ashore in
a.m. & take angles from the
two ends of the base line & in
P.M. found Cove & Bay stormy

Wednesday July 9th
Stormy all day with heavy storm
from S.W. Cloudy & rain. In
a.m. over chart & angles &
in P.M. skin birds &c.

Thursday July 10th
Storm & rain blows furiously
from S.W. all day. minus clothes

Friday July 11th
Storm & rain from S. all day, not
quite so hard as yesterday. Went to
trout brook in A.M. & got 328 salmon
trout, trout & 4 sticklebacks. P.M.
overhaul azimuths.

Saturday July 12th
Day half clear with fresh West wind.
Spent the day running shoreline on the
N. side of the harbor. Obs for time in

Baker & East Henderson. Boat. Baker
wearing glasses at 10.00.

July 15. Sunday. July 15. Baker
clear in P.M. Pick shore a few
for azimuth and pick up a
few specimens on the beach.

Monday July 16. Baker
Start at 8.00. Baker
some change in the
middle of the island. Baker
the only place where Baker
7 P.M. Baker

Cloudy with some fog & moderate
easterly wind. Go over to Little
Hysler and run the shore. Baker
take the angles & alter the position
of signal. Back by 5.30 P.M.
Evening raining.

Wednesday July 16. Baker
Plating shore lines all day. Baker
collections in P.M. Raining frequently
Strong S.E. wind

Baker. July 16. Baker
North peak of Hysler. Baker

Ref. bearing from Pillar 1. Baker
Pillar from N 60 W. Baker
Pillar from N 65 W. Baker
N 70 E. Baker
S 70 E. Baker
S edge Little Hysler S 80 E
N. P.M. Baker S 70 E
NE corner Little Hysler in at S 75 E
S edge Ral. Baker
S edge Amalitha 269 E
Island A 555 E
S Head A 541 E
S E. A 34 W
Astoria A 87 W

Belt of lowland with low
cuts across the island just
North of the peak & between
it and the North Peak.

Thursday July 12

Windy, rain, & fog. P. M. clear, but
short times all day. P. M. clear, but

Friday July 13

Dewy with squalls early in
A. M. later on. P. M. clear, but
P. M. go ahead, then shore and
lake. Observations for magnetic
is azimuth which are interrupted by
fog. Repair the village & go ahead
evening fog.

Saturday July 14

Day commences partly clear but
clouds over with variable light
winds. Observations for time
interrupted by clouds. Spend the
day taking angles from various
stations finishing the map
this harbor.

Sunday July 15

Storms hard all day from the NW
Rain, fog & high winds. Work over on
sheets in A. M. P. M. clear some, but
+ see more stars than any previous
night this season. Wind more moderate.

Monday July 16

Day perfectly clear - a little fog lying
very low on the horizon. Wind light
and variable. Tidal observations &
soundings. Astronomical azimuth &
circum-meridian altitudes for latitude
taken in the day.

Tuesday July 22

Morning same as yesterday, very calm - the atmosphere magnetic depression up, all some things a little drizzly with light squalls.

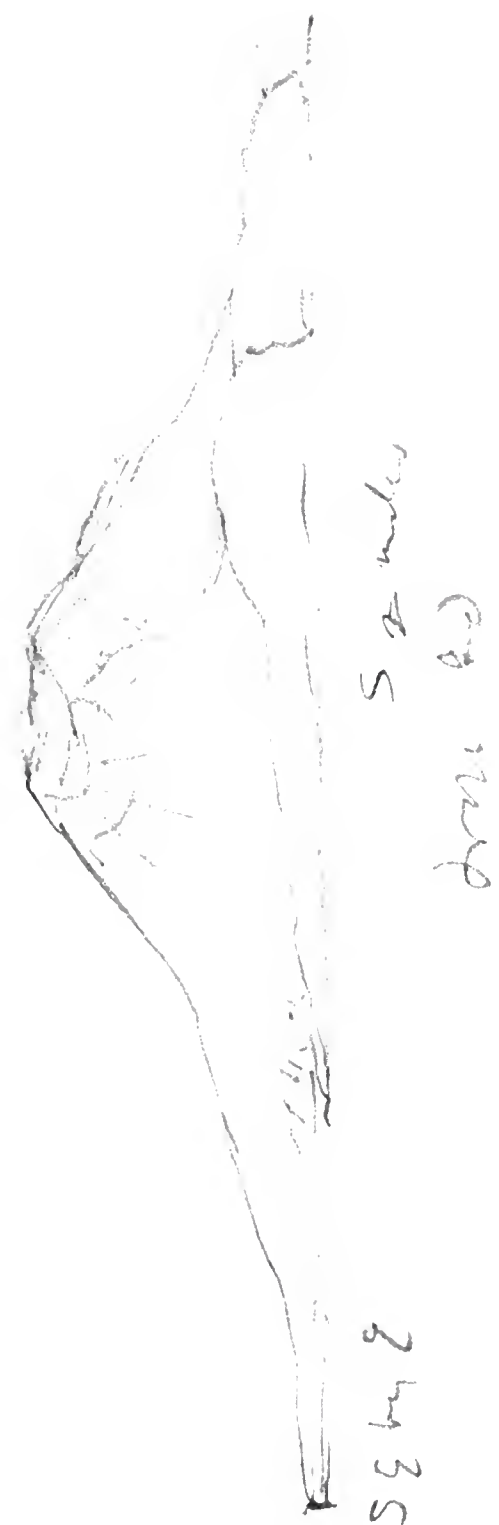
Went out in the boat in the afternoon & to look between Mm Id & Little Laysan. But the weather was foggy and the head current so strong that we were obliged to back to the harbor. Got a latitude for our position at noon, N of Mm Island which is about 2 some miles south of the position in the chart. Day very foggy wind so thick & about 8 p.m. the night became dark in the fog of the anchorage.

Wednesday July 23

Day dimly foggy. Went out at 8 a.m. the boat at times got we see the coast of Laysan and after running along the coast for some time went into Constantine Bay and anchored. Some heavy fog came on shortly after this the fog cleared down very much again.

Top of wood off Eb. S
" Mm Id 8 1/2 by S 1/2 2 1/2
N edge " " ESE
Small & ...

38.44
34.40



work during the P.M. to and

~~Sunday July 25~~

Foggy & cloudy, wind light, southerly.
Morning work over boats. P.M.
spend on the beach ashore. The
boat goes out for fish and returns
with a lot of cod and two fish
halibut.

Saturday July 26.

Foggy & cloudy in A.M. wind light
southerly. Capt. Percudon goes out
and gets a number of fish. I go
out dredging but don't get much
except *Anc. Kermicottii* - dead
and a *massena*. P.M. attempt
observations for time but sun does
not come out. Wash on shore & dry
men. P.M. Plan end & get up some
collections in the bag.

Sunday July 27.

Foggy, calm. Noon sun out at times.
Try for circummeridian altitudes &
get a few tolerable ones. In P.M. try
for time with poor success. Try
for prehistorics & get a good lot.

Monday, July 28.

Morning foggy & rainy, fresh south.
wind. Work over collections. P.M.
skin birds. Capt. Percudon goes
out a few more prehistorics.
Evening rainy.

Tuesday July 26
 Foggy & rainy, wind S.W. Equally.
 Clear a little & we went in a
 boat to examine Kili-off Harbor.
 Beat up against tide & nearly
 reach middle point of island &
 take a few readings. Then proceed
 to higher reef with anchor &
 some tea. Then start to return
 not having recognized the harbor
 & seeing a gray object in the hill
 stand into a point on a high hill
 behind a reef with a very nar-
 row cut once and found our-
 selves at the anchorage - so-
 called. There are about four ft
 of water at the sheltered portion
 and seemingly not over 2 feet
 any where. It is quite unfit
 for any thing except the smallest
 vessels and is inferior to An-
 stantine Harbor. Return
 in 26 minutes to N.W. head
 of latter & get aboard just as
 it begins to rain. P.M. sun
 out a little. Later today get
 the magnetic solar azimuth.

Take height of Kili-off Harbor
 N.W. of Kili-off Harbor
 East Cap E 5 S
 Const. 1000 505 =
 548 E
 E the north 6 E

W

May 11 30
 Lat 52 W

Went to the lake at
Rains & snow. Saw to the point
now & then and we at the lake
had a good view of the lake.

Thursday Aug 29
Day rainy. Went to the lake & very
dense fog. Work over mostly
repeated.

Friday August 30
Rains & storms all day. Very
late in A.M. P.M. go across the
island finding a very full creek
on the south side. Get thoroughly
wet & return at 6 P.M.

Saturday Aug 31
Rains & storms all day from SE very
thick fog. Work over copying & washing.

Sunday Aug 31
Rains & storms all day from the
Eastward. The wind is very strong &
Moderate more easterly than yesterday.

Monday Aug 31
Rains & blows all day from SE
with fog. Work over copying & washing.

Tuesday Aug 1
Rainy & stormy from SE with fog.
Go ashore in A.M. P.M. allow to copy
ing. In evening weather settles a little
but wind remains the same.

Saturday Aug 27
Morning takes the large boat & second mate, & goes on to the place where I had discovered speckling yesterday. Go on and found & find a good harbor with three entrances behind some ^{mainland} islands. Bottom hard, with mud in places. Return to vessel. Capt. Hovey has examined the water and finds good water only in the bar. After dinner stand into my men under the schooner & anchor in 16 fms. - take the small boat and explore the ramifications of the bay among the islands, discovering a boat five miles long - two sides with innumerable islands, completely landlocked. Remains in the old villages, one dead, one of many live ones, and a great quantity of birds. Ascend several of the hills & return to vessel in P. M. -

Sunday Aug 10
Foggy & cloudy. Skin seal and
ashore for a little while. I did
but find beaches very bare - Pick
up a notes. crabs for supper.
Wind fresh westerly.

Monday Aug 11.

Morning frost on ground - half clear.
Observations for lat. lon. & height
As usual drizzling, fill water & get
ready for sea.

Tuesday Aug 12.

Day foggy & calm. Sun out a
little still & P.M. Morning ob-
servations for time P.M. do inter-
rupted by fog. Pack collections
in the S.E. of the village and
getting very little.

Wednesday Aug 13.

Morning foggy & wind - very little
about noon manage to walk
out of the harbor & go out
into the straits. Take a compass
P.M. Get observations on the highest
peak of the island of Adak
making it approx. 5700 ft high - Evening moderate.

Thursday Aug 14.

Day foggy or cloudy wind mod-
erate or light.

Friday Aug 15.

Day cloudy, windy. Sun in M.
See a night heron porpoise and
many fur seals - About
9 at all. Long the ship in
the wind, being in about lat
52.23 N & lon 175.01.30 W.



and take a good look at the
 bottom at about 700 fms -
 Bay slowly and in the
 morning.

Saturday Aug 16

Beat out all day until
 late in evening. Then
 pulled to Rock. We are
 a nasty old school - bloody

Sunday Aug 17

Went right ahead. Little current
 Beat all day into Nagai Bay.
 and about 6 P.M. anchor in the
 harbor in 10 fms. muddy bottom.
 The only the spot where
 meet us. All the natives except
 two old men & some women
 away. The natives live in the
 old Kauri Bay settlement
 in a small bay on the Anika
 side of the rocky & impracticable
 strait. The natives are all
 & live in the same old according
 to him. He died this morning of
 a contagious disease. He was
 epileptic but attended with care.
 There are a few houses & a
 number of huts - The harbor is
 well sheltered from all winds
 but a little swell comes in in
 northeasters but not harmfully

| | h | m | sec |
|---------|----|---|-------|
| 12.52.1 | | | 40 |
| 50 | - | | 25.15 |
| 50 | - | | 5.10 |
| 50 | 53 | | 25.15 |
| 50 | 54 | | 07.32 |
| 50 | - | | 45.11 |
| 50 | 55 | | 35.11 |
| 50 | 56 | | 22.47 |
| 50 | 57 | | 13.51 |
| 50 | 58 | | 07.10 |
| 50 | 59 | | 07.58 |
| 50 | 60 | | 04.55 |
| 50 | 61 | | 63.54 |
| 50 | 62 | | 04.55 |
| 50 | 63 | | 08.57 |
| 50 | 64 | | 53.12 |

about 700 fms -
 52.19
 175.20
 50 fms to the beach & by 1/2
 the time

Edge of the island
Coddish point. Many
of the island. Many
Many whales to dinner.

Monday Aug 18
Morning rain. Windy. S.W. wind.
Two Porters. The natives
Maurice. P.M. go ashore
& look in at Macarty's house
& go over to the sand beach &
pick up some shells.

Tuesday Aug 19
Rains & storms from the S.E. all
day. Macarty about to dinner
make out payrolls.

Wednesday Aug 20
Rains & blows from eastward all day.
Work over sketches.

Thursday Aug 21
Foggy & rainy with occasional
squalls from the S.E. and S.W.
of clear sky toward evening.
Fridge all day. losing medicine
& breaking another. Get a new
Chrysodermis. Capt. Herndon goes
over to Korovin's Bay with the
natives. My 29th birthday.

Friday Aug 22
Foggy & rainy with strong squalls
from the S.S.E. work over sketches
P.M. wind & with heavy squalls

La Tabarca, 23.
Foggy morning. P. 11. 15
squalls. Went over shore at 10
Monday Aug 24.

Morning cloudy, wind about 10 knots
with a change in the wind to the
westward. Observations for a while
interrupted by clouds. Took the boat
and crossed the point of view of
cave in afternoon. Went to the
an old camp place for a while
we got a very fair view of the bay. But
go around a point of land to
the southward. The sea was rough
but can find the point of view
seemingly at a distance of 10 miles.
Evening P. 11. 15. The weather is
as usual. The sea is calm.
Evening P. 11. 15. The weather is
as usual. The sea is calm.
Midnight. See wild geese going south by

Monday Aug 25.
Take a bidarra & go down to
Korovinaki Bay up the small bay
and up to the hot springs after a
very fatiguing walk of two hours.
Return & go to the old village.
I spend the night at Lestivaki
where every thing is very nice.
& two pretty girls are engaged.
Day foggy & wet with showers.

Tuesday, Aug 26

Morning go about 8 see the eight people then cross the Bay to the reputed coal mine + back to Nagai Bay. Pick up some of the bones and get an axe + spear head + 13 skulls with some small bones.

Attempt observations for latitude about noon one in the water by chronometer. Day with light westerly winds and morning passing clouds - low tide.

Wednesday, Aug 27

Day with westerly but light winds in A.M. sail up according to weight anchor and sail for the head of the bay. When out side wind freshens and we have a very rough sea. All swell. Half day of fishing water.

Thursday, Aug 28

Swell continues. Two parties clear with success. Coastally passing over. Sight the most northern of the four craters which is a very irregular and sharp rocky island of small size separated from the

next SE of it by a strait say two miles wide partly narrowed by a small reef from island no 2 - Around the point of this island the shore is rocky with one prominent point marked out

to the west end to the east
in a light where a land was
be having a weather. To a strong light it was a good bit
of driftwood and a piece of
and a piece of wood is a piece of
broken wood. The peaks were on a piece of wood.

The larger it is the more it is
about a pretty wide piece of
with like a piece of wood. The
opening there is a long piece of
behind which we suppose there must
be the anchorage. There is a piece of
natives which would be a piece of
the NW. beyond this was a
narrow flow of seawater. There
was a piece of wood. There was more
land to the W of the passage but
obscured by fog.

Island no 2 was composed of volcanic
material and was a piece of
nearly horizontal layers of
to the upper edge of the
portion but underlain by what
appeared to be metamorphic rocks
to the southward and the top of
capped with porous red cream
colored earth.

Coast round the islands but
find no landing place and the

Island no 1 was a piece of wood



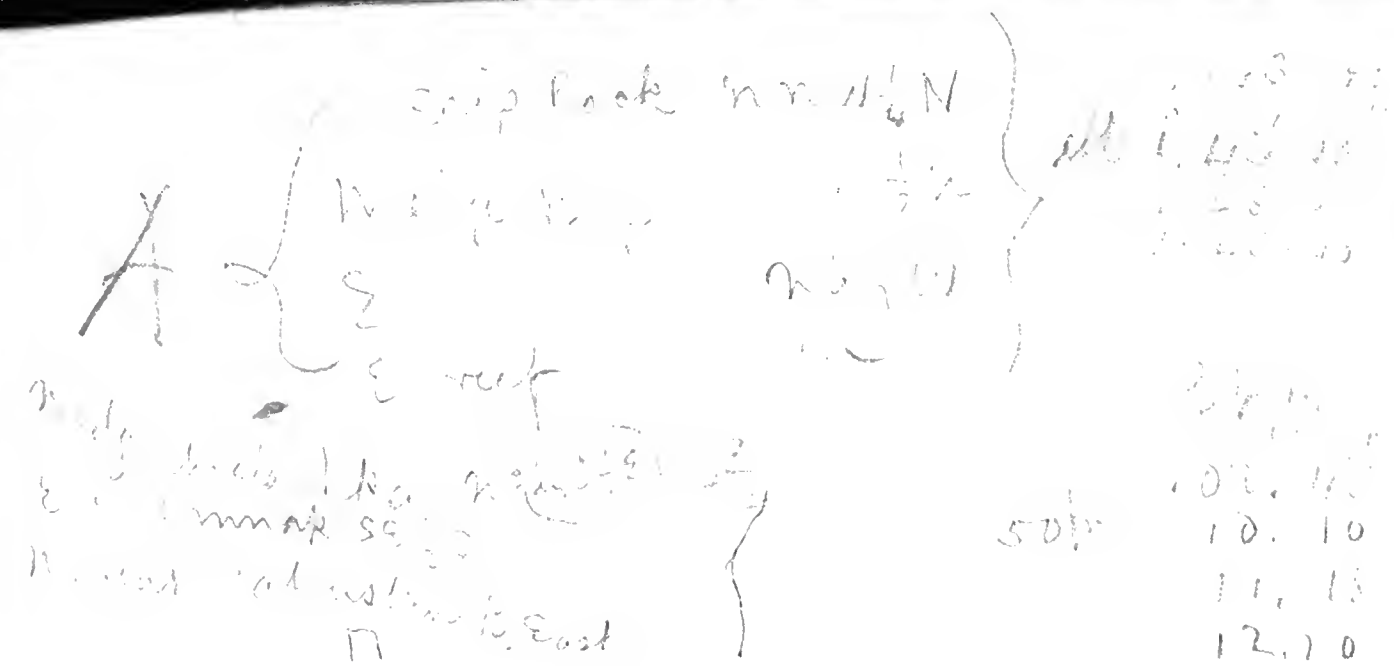
sea running very high - and the
wind very fresh we are obliged
to run on towards the coast
keep sight on the island of the clouds
with an estimated distance of
by three miles which if correct
would make it 88 miles high
towards night the wind moder-
ates but the swell continues &
results in a terrible rolling & pitching
which lasts all night.

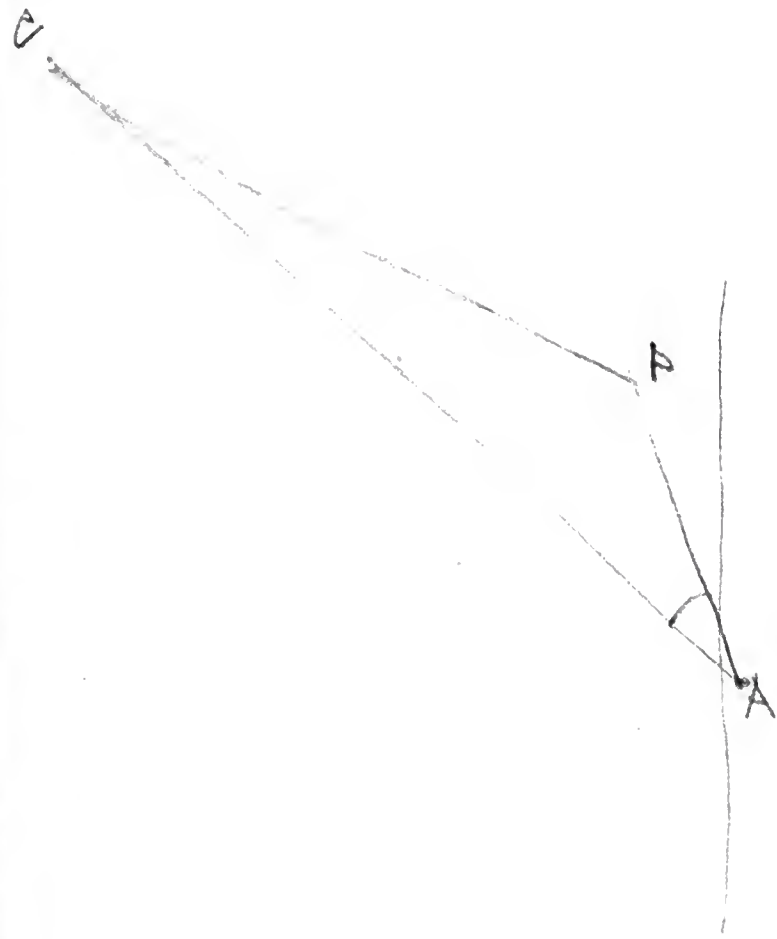
mid Aug 90.

Day half clear with light winds
from N. N. E. and a heavy nor-
therly ground swell. Sight
Bogosloff volcano on the
S. E. and come up within
ten miles of it about noon -
bearing North by East true and
our latitude $53^{\circ}49'52''$.

The island is a sharp jagged
ridge with the edge broken into
pinnacles of the greatest
asperity disposed in three
principal groups - there
seems to be little or no shore
to it except the high border
of the bluff except where the talus comes down
to the water -

where the bearings A were taken





WNW
 11.15
 40.45
 123.1
 154.41
 179.54
 25.18.45

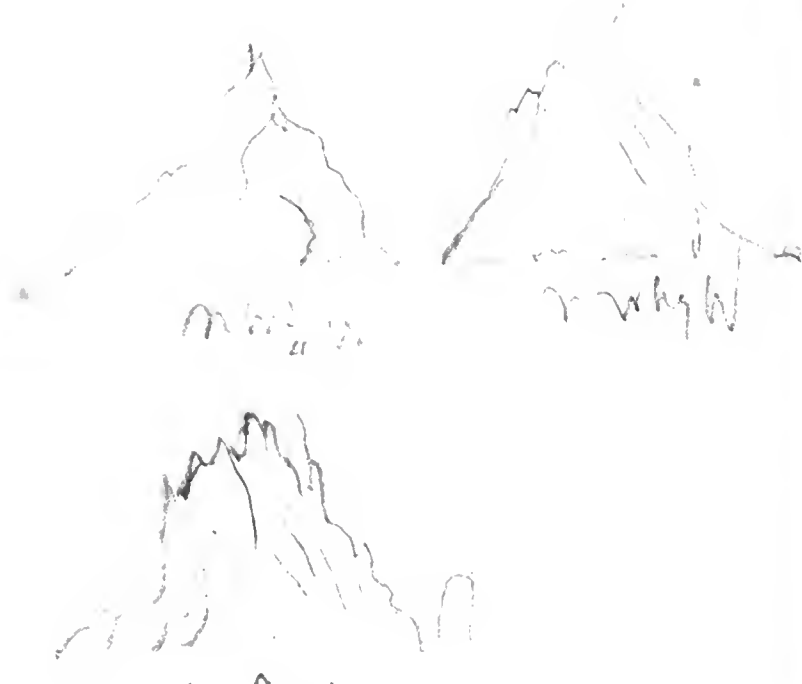
SE $\frac{1}{4}$ S 27.30
 ESE 2 48 45

the island by shore being about two miles off. 18 miles at noon if sound with a light lead in 250 fms water & no bottom. Haul in & substitute a heavier lead & taking bearing B run out 500 m without finding bottom. Later the island bearing WNW and being in its wake directly over the supposed reef sound again 260 fms and again no bottom - turn

For 4th bearing of 11.15 WNW
 Elevation 11.15.50
 35.00 sound of 11.16.50
 35.30 11.17.00
 35.40 11.17.10
 10.5 miles
 B C

| Let go | at | red |
|---------|-------|--------------|
| 4.31.00 | 31.10 | 50 |
| | 31.40 | 50 |
| | 32.10 | 50 |
| | 32.48 | 50 |
| | 33.25 | 50 |
| | | 50 (34.05) p |
| | | (35.15) |

on which W side
 W side
 WNW side



(2 or 3 Uu ENE $\frac{1}{2}$ W
 or Hd Max B ESE)

The masthead was visible, (we could see them for 12 miles) north of the island. The heavy ground swell - except just around the island - they extend on each side. In the ESE about half a mile. The sea was very rough, it of making a landing to the top of the peak is evidently inaccessible even if we could land. So we have only for the Lashka - there is a slight greenish tinge as it seems to the rock in some places. There is no apparent vegetation. The rock appears to be a pinkish gray color, unstratified but with something like a cleavage in the N direction about 60°. There is no water on it, the top is like a saw edge. The ship rock stands off about as far as the length of the island from it. It is smaller than the plan given by Samy cheff which is the more, imperfect. Our observations on it for height are unsatisfactory in account of our drift by the surge & current.

We were in the water for some time but we did not get a good view of the peak. The water was very rough.

Veeidoff 8068 ft. high
 away as course to the light

Lat 53.58 N Lon 167.33.30 W

make it 845 ft. high (857)
 (829)

or for some other well planned
reason. The position is in fact
with that of the other two
Admiralty charts. The distance
of 1000 yds. P.M. nearly
calm with a breeze & swell
S.W. by day.

Day half clear with very light
or calm with the same S.W. wind
make very little head way. But
when two miles off Cape Church
bearing south, found in 60 fms.
black ground (fine). Yet no obser-
vation for attention on Shishik
which as well as Banulsky Pogrom
naia & c on Unimak (Punch Bay 112)
making it 8000 feet. Same height
as compared with the other
opposite. Speak the two. Sailed
sometime for the westward. Sailed
Nunivik. Sailed about 11:00 AM
W Head of Cape Church. Saw
a first breeze with squalls from
the SE springs up & we lay
to about midnight rather
than beat in in the dark.

Sunday Aug 31

Beat into the small harbor about
5 A.M. Day rainy squally & strong
from SE. Go ashore after mail
but get only one letter from Elliott

Aug 5 54' 40" 60' W

alt 8755 "Hale" "Hale"
8937 "P.M. (Hale) "Hale"
0000, 0000
72

Noyes gets me some Miss Lytle /
Greenblum. They are some papers -
The Alouatta with Elliott's note
& Capt. Rowant has gone to San /
Francisco Aug. 15 & will not be
turn. The Cybele has just left
Trinco. Mar. 3rd is one of a
few weeks ago. The Pelican
& John Geo. Brown. The
Jansen have also been here.
Spent day reading up the

Monday Sept 1

Day heavy with squalls, clouds. Pull with a little
sunshine. Attempt observed
for time with sextant but with
wind interfered. Work over with
night clear. Windy & cloudy

Tuesday Sept 2

Day calmer. Early dull & a
little sun. But after 10 AM
are frustrated by clouds.

Later rains. Wednesday Sept 3 work over
Morning cloudy with heavy rain in
early AM. Later sun. A
heavy blow from West. with rain
& squalls. Work over porpoise bones
& pictures. Pack fish.

Thursday Sept 4

Rain & storm from 7 AM till 1 PM. Work over
sketches & porpoise drawings.

Saturday Sept. 7

Morning - light easterly
to 25 to 30. Went to the
shale repository. Found some
fossils that do not belong
to the same period as the
while, call on Wagner & Crane
& take the bones of the
Pill. Go to the shore & erect
a small altar but wind rises
and we are obliged to return
in a hurry. Sample of the
per - some were collected.

Saturday Sept. 7

It rained all day, wind SE 12-20.
Work on the shore, as plants
to be

Sunday Sept. 8

Morning partly clear. Observa-
tions for time. Later cloudy with
rain squalls, at intervals. Go
on to Amaknak. P.M. ashore on
the spit, natives all drunk.

Evening Wagner comes aboard.

Monday Sept. 8

Morning perfectly clear & go on
Observations for time and azimuth.
Soon clouds up and becomes foggy
with light easterly wind. P.M.
angles from Keystone Station.
Evening go ashore & call on Wagner.

Tuesday Sept 10

Showered and all day
Gen. S. H. Harkness & family
parting

Wednesday Sept 11

Spent the day in the
North Sea & Plover Bay. Bill
Lindholm & family left Sept
10 for the north coast

Thursday Sept 11

Mr. J. Lindholm & family
left for the north coast
on the ship at 10 AM. Mr.
Balushka & family left at 11 AM

Friday Sept 12

Cloudy and calm in the
in Plover Bay. At 10 AM
left for the village and took samples
from the river with Capt. Harkness
Baker, Boyd, & Balushka. We saw
the volcano the top of which
is however wrapped in fog
which became less as we
of the crater & bay. Plover Bay
P.M.

Saturday Sept 13

Fairing, but clear calm
Observations on the mountain
afterwards angles of the Solan

Large boat will go to Bay of Islands
Sunday, as the boat is to be in
when the boat is to be in
vessel at 10.00. Every day

Thursday Sept 18

Working cloudy. Wind light. Only
observations for magnetic azimuth
with. Wind very fresh north-
easterly. Overcast work & trans-
cings. About 5 P.M. the Cape
comes in & brings us a large mail

Friday Sept 19

Cloudy wind northerly moderate
Magnetic azimuths again
Work over pay sheets & put off
stuff from stores as the

Saturday Sept 20

Cloudy fresh N. wind
Observations for time interrupted
by wind & clouds
Work over accounts & letters of
official character. Evening
over prehistories

Sunday Sept 21

Cloudy light to fresh N. wind
Work over various matters
packing &c. - P.M. dig in cave
Evening, call on the priest &
arrange prehistories

Cave

Upper 10 ft
middle 10 ft
lower 10 ft
total 30 ft



Monday Sept 22

Day half clear. wind NNE & fresh in
spells - P.M. - calmer. Obs. for time
with vertical circle. Write letters. Sail
go ashore & go off to the bank with
Greenbaum & Capt. May -

Tuesday Sept 23

Day stormy with our old fashioned
Southeaster - We had to wait to
sail for the Greenbaum & today
but the weather permitted -

Wednesday Sept 24

Wind S. & S. & rain & clouds all
day. Work done - Hatched 200. Call
get 30 salmon at anchor -

Thursday Sept 25

Morning cloudy light Southeaster
Tow out of the small harbor &
anchor in dead calm. Write
send letters ashore & get news from
the priest. About noon stand
out of Captains Bay on our way
to the Shumagins. Green very
light some make a very little
headway

Friday Sept 26

Day cloudy wind light & variable
losing the compass. Hatched 200. Green
all day in the neighborhood of Shumagins
Early morning see a schooner in
the offing steering S. perhaps the Bella

Saturday Sept 27, 73
Morning cloudy. Storm breeze from
the eastward. Sea rough. Ship
stand to N & Wward to escape the
barometer falling steeply. Sailed
around all night under moderate
sails.

Sunday Sept. 28, 1873
Cloudy with occasional rain
squalls, high sea and half a
gale from the Eastward. I
stand to the Southward under
reefs - lay by a part of day.

Monday Sept. 29
Foggy all day. Cloudy
with occasional squalls &
very low barometer.

Tuesday Sept 30
Light winds from S & E all day
with occasional rain. No
over land of sight.

Wednesday Oct 1
Wind light from S & E. Rain at in-
tervals. Weather cleared up & the
Unalakleet in sight in P.M.

Thursday Oct 2
Wind light & westerly, cloudy. In
early a.m. off Cape Bar. During
the day gradually worked this up to
the Alaskan coast and stand to the
Southward. Wind light, changes to East
and southerly.

Pack of goods on board. Pass 2.
4 cases, 100 lbs. of goods, 100 lbs. of goods.

Goods on board. Pass 1, 400 lbs. goods.
Pass 2, 100 lbs. goods, 100 lbs. goods.
27 boxes of goods.

79 " 183 pkgs. 3 keys. Pass 3, 100 lbs. goods.
2 mammals, 100 lbs. goods.
41,238 lbs. of goods.
2 pkgs. of goods.

Friday Oct 4 1878

Day with fresh S. wind, some
at sea and with a bad sea
making short of work towards
our destination.

Saturday Oct 5

Clear in land all day with rain
and squalls. Making headway
under double reef. Pulling and
erates a little but no more
more quiet.

Sunday Oct 5

Very strong NW breeze, make
real knots about 8 knots. I
pass before Harbor light. Then
set the flag for the wind and sail
up Bay of Islands anchoring
in Humboldt Harbor, our old
station of last year, about 1230
P.M. Catch a good many cordfish
over the side. Still coming to
blow.

Monday Oct 6

Day half clear with fresh E. wind
and rain. Obs. for azimuth. Boat
tide partly interfered with by clouds
& wind. So down to sand point &
walk back to vessel. Capt. New
seen catches some trout. Still
work over monthly reports.

Sept.

15 days work done

1 fog

6 rain & wind

5 at sea

3 Sundays

30

4

26

4-12

4-1

11-1

11-1

11-1

11-1

11-1

11-1

11-1

11-1

11-1

11-1

11-1

11-1

11-1

11-1

11-1

11-1

11-1

11-1

11-1

11-1

11-1

11-1

11-1

Tuesday Oct 7

Day nearly clear with moderate
etc. west wind. I took some
latitude & longitude at low point
Sail on schooner. Sailed at 10
A.M. all with the schooner
Saw male & female, meeting the
settlement at 11 A.M. & then
over to camp & got out a large
number of codfish, etc.

Wednesday Oct 8

Stormy in the morning. Sailed
westward at 10 A.M. & arrived
at 1 P.M. Stop with
Thompson. His agent's office is
really taken up by the press.
Spend all day with Thompson &
cases & clear them out.
Pull a boy brings me another
mask & the girl & clean out
a small case for the
of the house - got 12 slacks
& five boxes of clothing.

Thursday Oct 9

Stormy with snow all day.
Stop at the harbor to one great
did just - Thompson & I. The
is very kind and gives me a full
account of his son's journey
Sammak. Both are dead & the
one to Boise. The school is

Eagle about 30 tons was at Seal
Harbor where it was ice
up a little - ...
...
Caton got 153 skins ...
skins with ... dollars ...
at Seal-har 120 - ...
has been here some time
went to ... other hunting
+ got 17 with ... all Capt
John Bryant in charge -

Saturday Oct 10

Day half clear. Fresh ...
by ... Beat up from ...
of Harbor to the vessel in 2 hours
11 obs. for azimuth + magnetic
azimuth interference with ...
P.M. ... clear ...
collections - ...
... all +
Hillips

Saturday Oct 11

Morning clear with very strong
NW wind. P.M. cloudy. Still rain
with rain. Work over ...
2 M. ... stormy sick. Capt
goes ... with some ...
thinks a salmon - ...

Sunday Oct 12

Strong SE wind with rain ...
later shifts to ESW. very strong

pack skulls and carvings in
shell. work in full and special
work of mounds -

Monday Oct 11 -
windy and cold. Little to do
by with some Ch. 1st. work
over clearing work & Capt. Her-
man looks for it and finds
some ground.

Tuesday Oct 12 -

Day windy with rain & snow full
strong westerly wind. Work over des-
criptions of stations - about 11 AM
get a note from the Inspector stating
that the Sch. W. M. Holmes. Hol-
mes had been here before, worked
at Delaroff Station during the fall
of Oct 12. wait for Capt. Hermand
& Davis to get back from the Unga
shore and find out if it is true that
we will give them a message down
if they wish it. Will be a letter
from the collector. send the
letter by the boatman which will be
delivered.

Wednesday Oct 13 -

Rainy with a light wind toward
night blowing half a mile.

Capt. Holder comes up from
Unga in a bidarra and stays
to finish starting back in fall
but is obliged to return on account

Southern aid on our way to San Francisco - Gail left his father's house early in the morning. A heavy swell was on the westward side. Day deliciously fine & making for home in full course.

- Sunday, Oct. 19, 1871

Cloudy summer day with light &
westerly winds & bracing sea
and ending with strong westerly
winds and some swell on
a good wholesale breeze in
latter part of the day.

Moderate S.W. wind all day
mostly clearing with a good deal of
sun & falling temp. - - -

Day cloudy with occasional showers. The day was very warm. The Holder has seen the blackbirds nesting at the lake.

... of this kind of

[illegible]

Monday Nov 5th
Off Cape Cod light
The morning foggy
night boat in harbor - wind
weak.

Tuesday Nov 6th
Day cloudy with light rain
+ calm. I am covered with
work over report.

Wednesday Nov 7th
Day with some sun but foggy
+ with very light rain. Work
over records.

Thursday Nov 8th
Day rainy & cloudy. Wind variable
southerly. About night see some
light - see some water. Birds &
a great many sea birds pelicans
pelicans and other birds in the
Cordell bank.

Friday Nov 9th
Morning foggy. Wind variable
from S. E. to S. W. at 10 A.M.
mission Bay about 12.55 P.M.
about 8 P.M. of which about
P.M. saw many of the same
streams. Mrs. Elmer and Capt. Rogers
back aboard at 8 P.M.

Saturday Nov 10th
Day foggy in Hall. Take a
lot of things ashore to the office &

[illegible]

Saturday
 Tourant comes after the
 others. Have a talk with
 Maurice about
 to make a change. Take some
 thing, ask him to my room
 make it clear what. Write at
 office & turn over
 hats to Hamilton. Pull
 down town to
 Whitney - get some
 Back to office & see Dr Newster, then
 down with Baker, stop at S. Happers
 who insists upon treating. After
 goes back on the Uramia in a few
 days - get some socks & things. Dine at
 the old place. Up town again stop at
 Sacks. Then go over to Stearns &
 meet Fisher & spend the evening

Sunday Nov 9 -
after breakfast met Hager & the

street. Up to office then to church -
back to office again. Then to room -
At 2 o'clock go down to the landing
with St. John, Fisher, Baker & and
go aboard the Tuscarora, Capt. Bellump
is away but we see the sounding ap-
paratus and make the acquaint-
ance of some of the officers. Come
down at 4 o'clock and dine at Capt.
Noyes' & spend the evening

Monday Nov. 10

Morning up to 6.0. and then breakfast
see Ray; get some papers from
Capt. Hayes' office up to 11.0. and
office. See Belknap. Work over report
Whiting is in, Herbert Fisher - see
Capt. Harnden. get stuff in vessel
for him. Then Whiting lab. and then
leave back at Whitney's office. 1.00
Office.

Sunday, Nov. 11. A fine day. The
 morning was very cold. The
 November comes in. We left
 4 P.M. then we arrived at
 dinner. After dinner we
 a little of the evening at
 Whitney, Woodward being absent.

Thursday March 1st
Morning in the rain
and Benito at bank
in afternoon
with things
at all

Friday March 2nd
Up to the bank
from 10 to 12 with pay
diagonal down, all down
pay the rest up to 12.00
I saw a lot of things & called
at the bank. Benito & I
found a lot of things about map
I saw a lot of things about map
Hence to play with

Saturday March 3rd
Drove down to the bank
at 10 to 12.00
I saw a lot of things about map
I saw a lot of things about map

Sunday March 4th
Drove down to the bank
at 10 to 12.00
I saw a lot of things about map
I saw a lot of things about map

Monday March 5th
Drove down to the bank
at 10 to 12.00
I saw a lot of things about map
I saw a lot of things about map

and the night before
the morning of the 23rd
the morning of the 23rd
the morning of the 23rd
the morning of the 23rd

Monday 23rd
Morning took a det. of the
church, Mr. Thayer, and
his Indian disciples. With them
and in
at 11 o'clock with Mrs. Jones
I called on the time.

At 11 o'clock, Mr. Jones
in, and I went to the
with the Capt. and up
to the
J. Jones, Mr. Jones, and
J. Jones is part - met Benoit &
dinner and in evening go to
open with him. Saw J. Jones
at 11 o'clock of the about meeting

Tuesday Nov 24
Morning. Took a det. of the
and Wilson, Fabel & H. Jones
came in. Go down town, call on Mr.
J. Jones, Mrs. Jones, and
and get one year - Call at Ford-
ham & Jennings. See Barnass at
coal. Stop at Examiner's office

up to 10 miles
bought a new
used for up to 10 miles
and for 10 miles and 10 miles
and 10 miles and 10 miles
and 10 miles and 10 miles

Morning at work in office. Call on
East and look at picture which are
very nice. Leave office for mother
at 10 miles. Ride up with Dr.
Newman work over accounts in P.D.
Dine with 2 other. Take out the

Thursday morning

Up to office in the middle of the

and 10 miles and 10 miles

and 10 miles and 10 miles

and 10 miles and 10 miles

and 10 miles and 10 miles

and 10 miles and 10 miles

and 10 miles and 10 miles

and 10 miles and 10 miles

and 10 miles and 10 miles

and 10 miles and 10 miles

and 10 miles and 10 miles

and 10 miles and 10 miles

and 10 miles and 10 miles

Wednesday 10th June 1881

For the first time since we left
the coast of Africa we saw a

small flock of birds flying over the
water. They were very small and

very numerous. They were flying in
small flocks of about 10 or 12 birds.

The birds were very tame and
were not afraid of the boat. They

came close to the boat and
were very noisy. They were

very much interested in the
boat and its occupants.

10-20-20

- Copies of angles ✓
- Chronometer observations & copy ✓
- Astronomical obs. & dupl. ✓
- (Copy of Astronomical obs. ✓
- (2 copies of angles & dupl. ✓
- (Copy of descriptions of signals ✓
- Current observations on sheets & dupl. ✓
- (Horizontal angles & dupl. ✓
- (Fair journal horizontal angles ✓
- Soundings & copy of soundings ✓
- (Tide gauge obs & copy, do ✓
- (Fair journal tide obs. ✓
- Dip obs & copy of do. ✓
- (Magnetic azimuth in water) ✓
- Tides & copy of do. ✓
- Sounding angles & copy of do. ✓
- Barometer meteorology & rough copy ✓
- Log & copy of log. ✓
- Computations of astronomical obs. ✓
- (Copy of do. ✓
- (Computations of Δ sides ✓
- (Copy of do. ✓
- (L. M. J. Computations ✓
- (Copy of do. ✓
- (Azimuth obs. with astronomical ✓
- Copies of logs & duplicates. ✓
- Monthly Reports & journals & copies ✓
- Copies of views. ✓
- Abstract of angles. ✓

Don't miss it

~~Handwritten text, mostly illegible due to blurring and crossing out.~~

Drawer 1

- 10 thick 4to blank books
- 6 thin 4to " "
- 12 Orig. sounding books
- 2 " " angle
- 2 deep sea sounding books
- 9-8 vo Horiz. Angles

Drawer 2

- 9 long lidal books
- 3 4to 2 books
- 3 4to dollar value blank books
- 1 8 vo Horiz. Angles
- 10 4to " " copies
- 2 long sounding book
- 2 " angle "
- 2 deep sea sounding books
- 16 blank 8vo notebooks

Drawer 3

- | | |
|------------------|--------------------|
| 2. Harbor charts | Red + blue pencils |
| Pencils | Paste brush |
| Red & blue ink | Pens & holders |
| Rubber bank | Blotter |
| Quill pens | Binding book |
| Scissors | Tape |
| | Large envelopes |



Tip

May 1st 1880
 11.15
 11.45
 5.37.20
 28.07.50

48.15
 11.15
 33.45.00
 2.48.45
 30.56.15
 13
 42.56.15

5.42.15
 48.15
 19.00
 13.43.45
 28.00.00
 4.43.15
 11.25
 2.5

11.15
 48.15
 1.25
 48.15
 1.25
 48.15
 1.25

